

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/096845 A1

(51) International Patent Classification⁷: **A23L 1/29**

(21) International Application Number:
PCT/NL2005/000269

(22) International Filing Date: 8 April 2005 (08.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04076132.2 9 April 2004 (09.04.2004) EP

(71) Applicant (for all designated States except US): **N.V. NUTRICIA** [NL/NL]; Eerste Stationsstraat 186, NL-2712 HM Zoetermeer (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MOLENAAR, Marike, Joanne, Bernadette** [NL/NL]; Kees Mulderweg 3, NL-6707 HA Wageningen (NL).

(74) Agents: **VAN WESTENBRUGGE, Andries** et al.; Nederlandsch Octrooibureau, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LIQUID CONCENTRATED FORMULA

(57) Abstract: The invention pertains to a liquid complete nutritional composition suitable for feeding cachectic patients, having an energy density of at least 1.45 kcal/ml. The composition comprises a protein fraction in an amount of 7.8-12 g per 100 ml, a carbohydrate fraction, and a lipid fraction. At least 70 wt. % of the protein fraction can be obtained by demineralising milk, e.g. by ultrafiltration. The carbohydrate fraction (17-27 g per 100 ml) can comprise 0-35 wt. % of sucrose, 15-45 wt. % of other non-reducing mono-, di- and/or tri-saccharides, especially trehalose, 5-50 wt. % of other mono- and disaccharides and 5-40 wt. % of tri- and higher saccharides. The product is suitably packaged in small volumes (10-150 ml).



WO 2005/096845 A1